

Special Issue

Emerging Topics in Biological Control of Plant Diseases

Message from the Guest Editors

Plant diseases are one of the fundamental causes of the destruction of natural resources in agriculture. Diseases caused by fungal phytopathogens are usually a limitation in the production of any crop, so their control is a key factor to consider. The traditional form of control of fungal diseases in agricultural crops is to apply chemical products, but due to their composition they can be toxic and non-specific, damaging the soil flora. Therefore, a major challenge for researchers and industry is the development of new biocontrol agents and quality bioproducts that are available on the market. Some fungal genera have been used in controlling disease-causing agents in plants, so their activity represents an alternative to reduce and even replace some synthetic chemicals. The development of strategies to raise awareness in society about the importance of the transition from traditional agriculture to ecological agriculture is of fundamental importance. The issue of how to implement the use of biological control agents within agroecological agriculture is a challenge which is explored in this Special Issue.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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